

Date: Tue, 23 Mar 93 08:29:39 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #366
To: Info-Hams

Info-Hams Digest Tue, 23 Mar 93 Volume 93 : Issue 366

Today's Topics:

Any comments on JPS NIR-10 ?
 Erich Stocker
 Need QSL Route for OH0MAM
Nicad Memory Effect-Fact or Myth?
 NOT OUR PROBLEM!
Protecting Ham Frequencies? YES!
 Real NoCodes (2 msgs)
 source for spools of wire
 STS-55 Launch Abort
 Sudden Toko Coils
 Which keyer chip best?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 23 Mar 1993 09:50:09 -0500
From: usc!zaphod.mps.ohio-state.edu!pacific.mps.ohio-state.edu!cis.ohio-state.edu!
news.sei.cmu.edu!bb3.andrew.cmu.edu!andrew.cmu.edu!kp2a+@network.UCSD.EDU
Subject: Any comments on JPS NIR-10 ?
To: info-hams@ucsd.edu

I just connected up my NIR-10 yesterday. It works great -- I found the CW
filter mode to work just fine and what little fiddling around with SSB I
found it to really do a nice job. I have to figure out how to connect up
the bypass mode to my transceiver in order to make Break-In easier but just
reaching up and flipping the toggle switch to "bypass" is no hassle.

Keith Poole K7MOA/3

Date: 23 Mar 93 14:08:18 GMT
From: swrinde!zaphod.mps.ohio-state.edu!saimiri.primate.wisc.edu!
usenet.coe.montana.edu!news.u.washington.edu!ns1.nodak.edu!plains!ndsuvml!
gregg@network.UCSD.EDU
Subject: Erich Stocker
To: info-hams@ucsd.edu

Erich, I can't get a message back to you! Your address header is invalid to my system. ???

In answer to your question about software for the KPC3:

I have used many of the shareware programs available on ham oriented bbs's with good results. Paket 5.1 is my favorite, and Lan-link 2.00 is a second choice. Hostmaster II+ is very good. It makes things easy for the beginner.

1200 baud packet is all there is out here in the sticks of North Dakota, but we find that it works very well. It would be nice if everyone was on 2400 baud, but they're not. Anyway, good luck on whatever you decide.

*** to all the net: Sorry to post this like this, but it is the only way that I can get back to Erich! ***

Date: Tue, 23 Mar 1993 14:56:41 GMT
From: usc!cs.utexas.edu!uwm.edu!linac!att!att-out!cbfsb!cbnewsg.cb.att.com!
wstrahl@network.UCSD.EDU
Subject: Need QSL Route for OH0MAM
To: info-hams@ucsd.edu

Does anyone have a good QSL route for OH0MAM ?

The GO-List shows OH2MAM/OH1XM, but mail to that 1993 Callbook address was returned with a sticker in Finnish (?) which implied no-such-person or not-there. I would like to send direct if anyone knows a good address.

Thanks!

Wayne Strahl - W9II wstrahl@cbnewsg.att.com

Date: Tue, 23 Mar 1993 15:05:07 GMT
From: mcsun!chsun!bernina!neptune!gaspar@uunet.uu.net
Subject: Nicad Memory Effect-Fact or Myth?
To: info-hams@ucsd.edu

In article <1ohbakINNiuk@leela.CS.ORST.EDU> forbesm@atlantis.CS.ORST.EDU (Mark Forbes) writes:

>tad@ssc.com (Tad Cook) writes:

>

>>Do the performance of NiCad batteries suffer when they are repeatedly
>>only slightly discharged? The story goes that one should do a deep

>[nice description "from memory" deleted]

>At least they would, if it weren't for the battery-life-detect circuit
>hollering about how it's time to recharge the battery! So Joe User
>obediently plugs in the charger, recharging the discharged parts and
>mostly ignoring the voltage-depressed parts. And the cycle repeats.
>

so, let me see if I got this straight...

- 1) the "battery low" alarm goes off as soon as a tiny drop in potential occurs.
- 2) this drop is still way before the ideal "empty" state of the "stuff"
- 3) re-charging at this point (before a "deep-discharge") leads to the "memory" problem.

is this right?

if so, then when my device "screams", and won't work with a not-dead-yet nicad, I should ideally "deep-discharge" it before re-charging it.

isn't there some recommended way to do this involving big capacitors?

--gaspo.

- Scott "gaspo" Gasparian / Dept. Informatik - | - Umwelt -
- Stabstelle Software / System Administrator - \ | / - Schutzen,-
- ETH-Zentrum, CH-8092 Zurich, Switzerland - _\|/_ - Rad -
- gaspar@inf.ethz.ch / +41'01'254'7205 - '|` - Benutzen.-

Date: 23 Mar 93 09:12:49 EST
From: psinntp!arrl.org@uunet.uu.net
Subject: NOT OUR PROBLEM!
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, jepsen_st@10540.enet.dec.com (10540::jepsen_st) writes:

>deletions in CATVI thread

>Don't expect much co-operation from the CATV company. They'll blame the
>problem on customer provided equipment (your TV) or the source of the
>radiation (your radio) or the aurora borealis or etc. and do nothing.
>(it's cheaper).

Unfortunately, this is true in some cases. However, there are many cable companies that are willing to address these problems fairly. I have worked with the Service Manager of our local Cox Cable franchise and the Lead Technician of our local TCI Cablevision franchise. In those cases where we had to pronounce the problem as being leakage in a cable-ready TV, this was determined by an in-depth investigation with the hams and cable company and customer working in cooperation.

>Contact other hams in your area (local club) and see if anything has been
>worked out with the CATV co. in the past. The F.C.C. is good for letter
>to the CATV co. but that's about all.

In most sections, the ARRL section Technical Coordinator (TC) can help, usually by steering you to sources of local help; an ARRL Technical Specialist, local-club TVI committee or other expert. The TC may know of the knowledgeable people within the cable company to prevent a frustrated installer from pointing at the tower and pronouncing it to be all the ham's fault. When this happens, it is not even usually malice, just a combination of ignorance and the frustration that results from not knowing what to do.

You can locate your TC through your ARRL Section Manager -- these are listed on page 8 of any recent QST, usually including a telephone number. Call the SM and ask for help with an EMI problem.

If anyone has an ongoing interference problem involving the Amateur Radio service that they can't resolve, contact me. I have information packages and advice that I can offer. 90% of the interference problems I have heard of have been solved -- let's add you to the list.

73 from ARRL HQ, Ed

Ed Hare, KA1CV
American Radio Relay League
225 Main St.
Newington, CT 06111

ehare@arrl.org

You will never put the puzzle together

— — — — —

In April QST, page 78-79, MANY interesting things are discussed:

ALSO GOT HIS PICTURE IN QST! Way to go! Your 15 minutes of fame!

— —

In article <23MAR199306372347@nssdca.gsfc.nasa.gov> stocker@nssdca.gsfc.nasa.gov

(ERICH FRANZ STOCKER) writes:

>In article <1993Mar20.024756.22555@anomaly.sbs.com>, ka1ftw@anomaly.sbs.com
writes...

>>

>>I and other Ham's have been working with 0.0's in two States and found that 98%
of Jamming ect...

>>to be No-Codes.

>>One even got caught on their Local Police Frequency.

>>And just got caught again jamming two repeaters.(good ham huh ????)

On the darker side of all this. About 10 minutes ago I was ragchewing with
another ham KD6INX (Tech +) about DX when I someone popped in and made a
obscene remark. I ignored him and he came back to my friend and made another
obscene remark to him also. The drawback to all this Nocode license change
is more people will get their licenses and hence more problems. That is a
fact of life. By the way we continued to ignore him and signed off. Best
way to stop a mouthy jammer. By the way there is a bad bunch of CBers around
here are that are what give CB it's terrible reputation. I am sure that it
was one of those guys due to other things that have been occurring lately.
I think that one of them bought or stole a HT, couldn't pass the test due
to his low IQ and started causing problems. Sigh, must be terrible to be a
low life scum. 8-)

73!

Jeff

--

Jeff Jones	AB6MB		OPPOSE THE NORTH AMERICAN FREE TRADE AGREEMENT!
jeffj@seeker.mystic.com			Canada/USA Free Trade cost Canada 400,000 jobs.
Infolinc BBS 415-778-5929			Want to guess how many we'll lose to Mexico?

Date: Tue, 23 Mar 1993 15:30:33 GMT
From: noc.near.net!lynx!lkay@uunet.uu.net
Subject: Real NoCodes
To: info-hams@ucsd.edu

In article <1993Mar20.024756.22555@anomaly.sbs.com>,
ka1ftw@anomaly.sbs.com writes:

>

> No-Codes

>

[various intendend-to-be-funny things]

> Anyone else have any horror stoties out there ????

>
>
> THIS DOES NOT PROMOTE GOOD PUBLIC RELATIONS DOES IT ?????
>

You *do* with posts like this?

> ---- OUR REPEATER MOTTO
>
> ---- 11 METERS FOR NO-CODES
>
> ---- REAL HAMS BOUND BRASS !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Then I guess there's no point to your FM repeater
to begin with, huh?

>
> SIGNED
> KEVIN
> KA1FTW

Kevin, you don't listen to 75, 10 (where the tech pluses are)
and 20 SSB, do you? I do, occasionally... then go back to
the CW end.

No-codes have no-monopoly on poor or offensive habits.

Get a life.

Len

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-----  
Dr. Leonard Kay, KB2R          | "But we are not dealing with the  
Electrical and Computer Engineering | normal world. We are chasing DX."  
Northeastern University, Boston  | -- W9KNI, 'The Complete DXer'  
NU ARC: W1KBN 145.31(-)         |  
Packet: KB2R@K1EA              | #include <disclaimer.h>  
-----
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Date: Tue, 23 Mar 1993 13:51:45 GMT
From: swrinde!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!att-out!cbfsb!
cbnewsb.cb.att.com!feg@network.UCSD.EDU
Subject: source for spools of wire
To: info-hams@ucsd.edu

In article <C4Ap6G.IoK@fc.hp.com> jayk@fc.hp.com writes:

>Have you used electric fence wire for transmitting?? My one experience
>with it was as the horizontal part of a 160 meter inverted L. I tuned
>the antenna to a low SWR with about 10 watts. At about 100 watts the
>SWR had gone up to 2.5:1. When I turned on the amplifier the SWR was
>so bad I couldn't get the amp to tune properly.
>Sometime after that I spoke with a friend who had done some tests
>with electric fence wire on a spectrum analyzer. He said the RF current
>capability was so bad he wouldn't recommend even using it for radials
>in a system with lots of radials.
>
>I visited about six farm supply stores in this area. All the electric fence
>wire I saw is galvanized or silver in color. I don't think you will find
>any copper in it. If you get lucky, sometime you can still find a roll of
>aluminum #17 electric fence wire at about twice the cost of the regular
>wire. Good radial stuff but doesn't have the strenght for long unsupported
>runs.
>
>Anybody else have experience with this stuff??
>
>73, Jay K0GU jayk@fc.hp.com

Never use galvanized steel wire for RF. Zinc, the outer coating, is not a great RF conductor, but the steel core is one of the worst you could possibly choose.

The zinc coating is quite thin and will disappear in a very short time (the wetter the climate, the faster it wears away).

If used for radials, in contact with damp earth, the wire will be rust coated in a year. At that point it is completely worthless as a conductor of RF. As far as the vertical element is concerned, it's as though no radial system existed.

I have used aluminum fence wire for radials but even this material suffers chemical damage in contact with earth. It becomes extremely brittle and just stepping on the wire often breaks it.

Forrest Gehrke feg@dodger.att.com k2bt

Date: 23 Mar 93 13:52:21 GMT
From: news-mail-gateway@ucsd.edu
Subject: STS-55 Launch Abort

To: info-hams@ucsd.edu

SB SAREX@AMSAT \$STS-55.004
Shuttle Columbia Launch Abort

The following was written by Ron Parise, WA4SIR, to describe yesterday's launch abort to the school students and teachers who are participating in SAREX on STS-55. Since it is a very good description of the launch sequence activities, the SAREX team wanted to also share this with all those interested. A definitive launch date for STS-55 has not been set. This problem will most likely take on the order of 2-4 weeks to resolve. Since STS-56 uses a different launch pad, launch for this mission is still scheduled for April 7.

We will keep you posted.

Frank Bauer, KA3HDO for the SAREX Working Group

**** Columbia aborts on pad !!!!! ****

T0: STS-55 participants in the SAREX experiment

At 9:51 AM this morning just 3 seconds prior to launch, the Columbia's on board computers performed an automatic shutdown of it's three main engines. Preliminary analysis of the telemetry data obtained during the ignition sequence point to a faulty helium purge valve which should have closed prior to the fuel and oxidizer valves being opened. The vehicle was then safed by the launch control team and flight crew.

To help you understand what actually happened let me give you a little background of the sequence of events which occur within the last 8 seconds of the countdown. At 6.8 seconds before launch (T - 6.8 sec) the general purpose computers (GPC's) start the ignition sequence for the 3 liquid fuel main engines. It takes a few seconds for them to ignite and start producing thrust. The computers give the engines until T - 3 sec to reach 90% of their thrust. At that time if there are any indications of any difficulty with any of the 3 engines then the computers will shut them all down and abort the launch. If the engines are all performing normally then the 2 solid rocket boosters are ignited at T - 0. Since the solid rocket boosters cannot be turned off once they are ignited the computers spend the last three seconds making sure everything is exactly right before starting them. The shuttle system performed exactly as it was designed to do. It detected a problem with the number 3 main engine, and aborted the countdown at T - 3 sec just as it was supposed

Unfortunately, this means another delay for those of you who have waited so long for this flight. On the otherhand this is a very important lesson for you to learn about the space program. Travelling into space is still a complicated and risky business and quite often we have to delay over and over again in order to insure the safety of the crew and their ship. Just remember, no matter how disappointed you are, there is no one more disappointed than Columbia's crew!

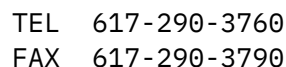
Ron Parise
SAREX operations team

Hi, I am Interested in constructing the Sudden Rx from Oct 1991 73 Magazine. The only problem is, is that the TOKO coils referenced don't seem to appear in their product catalog. The Parts listed are prefixed BKXN and a typical example is BKXN-K333R. Does anybody know what these are? Are they already old designations? Please send me E-mail to: bmitchel@kodak.com Thanks es 73 Brad WB8YGG.

I need a new keyer, and I'm starting to look around at the various chips out there. Does anyone have a preference? The only chips I'm aware of right now are those by Curtis. I'm not looking for iambic operation, but would like dot and dash memory and maybe a small amount of message storage (CQ CQ de for instance). I'd also appreciate a mail order source for these.....

[illegible]

/ Joe Smulowicz KB1LY (joes@hpwarbz.wal.hp.com)



The illegality (well...) lies in your use of the Internet, NOT your use of the Amateur Radio Frequencies. It is not within the acceptable use policy of your regional network to provide services in exchange for funds.

That, I think, is why the message was sent to your sysadmin, and not the FCC.

Of course, That's just my opinion. I'm not involved. But, I think that the HAM end of things should pay for the station, that's fine. But when you solicit or engage in fund gathering over the net, you are in violation of policies..

--

These opinions may not be unique, and they may not express the views of U.Va.

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-----
| Jon Gefaell, Computer Systems Engineer \      /___ | SILENCE = DEATH
| Security and Technology Planning R&D    \    /   / | Homophobia is a
| I.T.C. Administrative Computing Services \  /   / | Social Disease!
| The University, UVA. Carruthers Hall     \/ \   /  | 73 de KD4CQY
|-----\-----|
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"For here we are not afraid to follow the truth wherever it may lead,
nor to tolerate any error so long as reason is left free to combat it."

-Thomas Jefferson

Date: Tue, 23 Mar 1993 16:15:47 GMT

From: swrinde!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!cbnewse!

parnass@network.UCSD.EDU

To: info-hams@ucsd.edu

References <1993Mar14.043454.1611@proton.llumc.edu>,

<C3ws1q.5v8@feenix.metronet.com>, <1993Mar23.004242.3884@gagme.chi.il.us>-

Subject : Re: Customer Service--HRO and others

ross@gagme.chi.il.us (ross sponholtz) said:

- > This Saturday, I visited Erickson electronics in Chicago,
- > at about 2:45.... 15 minutes before closing. I find it
- > almost impossible to get there much earlier.
- > They are open til 5:30 during the week, and til 3 on Saturday,
- > closed Sunday. I wonder when most people go there?
- > I would guess that most of their customers have 9-5 jobs.
- > So it is Saturday.

This isn't unique to ham radio stores. Sunday and early Saturday closing is a lamentable fact of life with area woodworking hobby stores, too. :-(

- > One of the employees said "if the competition were

> open later, then we would be open later."

The employee didn't realize that "the competition" *is* open later.
Erickson competes heavily with lower priced mail order companies
that don't charge Illinois sales tax and operate toll-free phone lines.

When Erickson is closed, I've phoned in my order to the competition.

Erickson could make more sales if they stayed open longer,
i.e., they lose sales when they are closed. They must weigh
the cost of staying open.

--

=====
Copyright 1993, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpm.att.com - (708)979-5414

Date: 23 Mar 93 16:17:20 GMT
From: ogicse!ese!dreeves@uunet.uu.net
To: info-hams@ucsd.edu

References <1ol28fINN1mv@tamsun.tamu.edu>, <1omiseINNhok@gap.caltech.edu>,
<C4CHGG.GC1@murdoch.acc.Virginia.EDU>
Subject : Re: Packet via Telnet: join our gateway!

In article <C4CHGG.GC1@murdoch.acc.Virginia.EDU> jeg7e@livia.acs.Virginia.EDU (Jon Gefaell) writes:

>In article <1omiseINNhok@gap.caltech.edu> pjb@cco.caltech.edu (Paul J. Brewer)
writes:

>>

>>Some guy sent my sysadmin a note about my "illegal fundraising" involving
>>"commercial use" of amateur channels.

[Deleted....]

>The illegality (well...) lies in your use of the Internet, NOT your
>use of the Amateur Radio Frequencies. It is not within the acceptable
>use policy of your regional network to provide services in exchange
>for funds.

If you would have really read the first message and the above
message and understand part 97 too, you would understand that
we are not "charging" money for services! WE *can't* "charge"!
We are asking those who *like* this service to support it.

>

>That, I think, is why the message was sent to your sysadmin, and not
>the FCC.

>
>Of course, That's just my opinion. I'm not involved. But, I think that
>the HAM end of things should pay for the station, that's fine. But
>when you solicit or engage in fund gathering over the net, you are
>in violation of policies..

What about shareware? It's asking for funds - use internet to
FTP my software, and if you use it, you *must* send me money
or break the law! Sounds like "solicitation" under your
definition... "providing services in exchange for funds", eh?
What about the new disk that was bought for the sumex-aim.
stanford.edu macintosh archives? That was "solicitation"
for a service, namely, the new disk for archives ...
Please note that none of these were *commercial* services.

The point is that, like shareware, here are some people doing
(IMHO) a good thing and are asking for those who like and
use this service to help support it. This happens all the time,
just that the people providing the services in internet are
usually programmers, not hams.

>--
>These opinions may not be unique, and they may not express the views of U.Va.
>
> | Jon Gefaell, Computer Systems Engineer \ /___ | SILENCE = DEATH
> | Security and Technology Planning R&D \ / / | Homophobia is a
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> | The University, UVA. Carruthers Hall \ / / | 73 de KD4CQY
> ~~~~~\~~~~~
> "For here we are not afraid to follow the truth wherever it may lead,
> nor to tolerate any error so long as reason is left free to combat it."
> -Thomas Jefferson

Disclaimer: I am a member of W6UE, the Caltech ARC and a former
student of Caltech. Your mileage may vary.

73, de N6XHW, D. Reeves

--
|B. Douglas Reeves Dept. Env. Sci.& Eng. Oregon Graduate Institute|
|N6XHW on 146.900 in PDX dreeves@ese.ogi.edu everywhere else|
|"... life itself represents a nonequilibrium condition." - J. F. Pankow |

End of Info-Hams Digest V93 #366
